

Address Validation Service

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Overview

The State of Iowa offers an Address Validation Service. The service provides two forms of validating and standardizing United States addresses – a real-time web service and a batch process. The cost of each service is one half cent per address plus time and material for time setting up and running the service for a given job.

Real-time Web Service Processing

[Click here to get more details about the Web Service.](#)

The web service allows validation and standardization of addresses upon input into a website. A standardized, corrected address is returned. An example of this usage is the Iowa Department of Transportation which uses the service to validate and standardize addresses as they are entered into drivers' license terminals. The following additional items can be returned: geo codes, congressional districts, federal county number.

Maintenance window for this service is 2am-4am. The service could be unavailable during this time.

Batch Processing

[Click here to get more details about the Batch Service.](#)

The batch process provides the following:

- # Processes addresses contained in a file.
- # Returns a file with the revised addresses. This file can contain as much or as little information as required.
- # Provides CASS Certification and DPV
- # Addresses can be processed through the National Change of Address (NCOA). If the change of address is within the last 18 months, the resulting file will return the new address. If the address was changed between 19 and 48 months previous to the current date, a message will be returned indicating the address submitted is invalid. The information returned will annotate if the move was an individual, family or business.
- # Provide NCOA reports with a listing of all addresses which have changed
- # Determine if duplicate addresses are submitted in the file.
- # Create the appropriate forms needed by the United States Post Office for mailing. This process will also divide the items into trays and create the tray tags.
- # Name parsing

There is no maintenance window for this service as it is a manually ran product by OCIO so we will update when needed.

Mailing List

As with many services offered, we communicate with customers using *mailing lists*. All Address Validation customers are **strongly encouraged** to subscribe to the "notices" mailing list for this service. This is the default means that we use to send out information on changes, updates, issues and outages with the service.

Individual users can subscribe to this mailing list by sending an e-mail message to 10214-addressvalidationwebserv-notices-'**join**@forge-lists.iowa.gov, or unsubscribe by sending a note to 10214-addressvalidationwebserv-notices-**leave**@forge-lists.iowa.gov.

Here's a more detailed tutorial on [GForge Mailing Lists](#).